

## REMARKS

### ***Preliminary Remarks***

The Final Office Action of August 5, 2005 has been received and analyzed. Claims 1-15 are active and pending. The Examiner indicates at page 9 of the Office Action "that the Kurokawa reference teaches the simultaneous deposition of the emitter and the emitter surface treatment agent." Claims 1 and 10 are amended to explicitly recite what was previously inherent in the claims and explicitly described at page 7, lines 8-9 of the Applicants' specification, namely that the step of forming an emitter is distinct from the step of depositing a surface treatment agent. Consequently, claims 1 and 10 are allowable over the cited references, whether alone or in combination. Claim 2 is amended to correct a typographical error. No new matter is added by these amendments.

Entry of this Amendment is proper under 37 C.F.R. 1.116 because it (a) places the application in *prima facie* condition for allowance for the reasons discussed herein; (b) does not raise new issues requiring further search and/or consideration by the Examiner because similar subject matter was previously considered by the Examiner and thus further consideration and/or search by the Examiner is not warranted; (c) does not present any additional claims without canceling a corresponding number of finally rejected claims; and (d) places the application in better form for appeal, should an appeal be necessary.

### ***35 U.S.C. § 102 Rejection***

Claims 1, 2, 4-6, 10-11, and 15 stand rejected under 35 U.S.C. § 102(e) as being anticipated by U. S. Patent No. 6,645,402 to Kurokawa ("Kurokawa"). The amended claims 1 and 10 recite, among other things, ".... depositing an emitter surface treatment agent on the substrate to cover the emitter after forming the emitter ..." Kurokawa neither discloses nor suggests such a feature. Claims 2, 4-6, and 11-15 are also allowable over Kurokawa by virtue

of their dependencies on allowable base claims 1 and 10. Withdrawal of the rejection of claims 1, 2, 4-6, and 10-15 is therefore respectfully requested.

**35 U.S.C. § 103 Rejections**

Claims 1-4 and 8 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 6,436,221 to Chang ("Chang") in view of Kurokawa. Amended claim recites, among other things, "... depositing an emitter surface treatment agent on the substrate to cover the emitter after forming the emitter ..." Chang neither discloses nor suggests such a feature, and Kurokawa does not cure such a deficiency. Claims 2-4 and 8 are also allowable over the combination of Chang and Kurokawa by virtue of their dependencies on allowable base claim 1. Withdrawal of the rejection claims 1-4 and 8 is therefore respectfully requested.

The rejections of claims 7, 9, and 12-14 under 35 U.S.C. 103(a) over Kurokawa in view of U.S. Patent No. 6,623,720 to Howard and U.S. Patent No. 6,013,238 to Murata are also moot in view of the amendments made to claims 1 and 10. Claims 7 and 9 are allowable over the combination of Kurokawa and Howard by virtue of their dependencies on allowable base claim 1, which as described above, recites at least one feature not described by Kurokawa. Howard does not cure this deficiency. Claims 12-14 are allowable over the combination of Kurokawa and Murata by virtue of their dependencies on allowable base claim 10, which as described above, recites at least one feature not described by Kurokawa. Murata does not cure this deficiency. Withdrawal of the rejection of claims 7-9 and 12-14 is therefore respectfully requested.

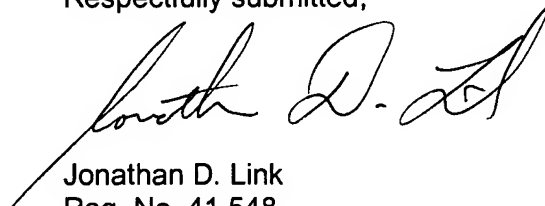
For the above reasons, the Applicants believe claims 1-15 are in condition for allowance, and notification of the same is respectfully requested.

### CONCLUSIONS

The Applicants submit that a full and complete response has been made to the pending Office Action and respectfully submit that all of the stated grounds for rejection have been overcome or rendered moot. Accordingly, Applicants respectfully submit that all pending claims are patentably distinct from the prior art of record and are in condition for allowance. The Examiner is thus respectfully requested to pass the above application to issue.

Should the Examiner feel that there are any issues outstanding after consideration of this Amendment, the Examiner is invited to contact the Applicants' undersigned representative at the number below to expedite prosecution. Prompt and favorable consideration of this Amendment is respectfully requested. Applicants respectfully request that a timely Notice of Allowance be issued for this application.

Respectfully submitted,



Jonathan D. Link  
Reg. No. 41,548

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**McGuireWoods LLP**  
1750 Tysons Boulevard  
Suite 1800  
McLean, VA 22102-4215  
Tel: 703-712-5116  
Fax: 703-712-5279

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